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Date of Deposit: **DECEMBER 28, 2004**

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*Hilary M McNulty*  
By: Hilary M. McNULTY

**DT01 Rec'd PCT/PTC 28 DEC 2004**

PTO-1390 (Rev. 12-2004)

Approved for use through 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER <b>LYBZ 2 00089</b>
INTERNATIONAL APPLICATION NO. <b>PCT/EP2003/004980</b>		U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <b>10/519737</b>
INTERNATIONAL FILING DATE <b>13 May 2003</b>		PRIORITY DATE CLAIMED <b>29 June 2002</b>
TITLE OF INVENTION <b>REFRIGERATOR COMPRISING A REGENERATOR</b>		
APPLICANT(S) FOR DO/EO/US <b>Holger DIETZ; Heinz-Josef DUBBELFELD; Jiri MELICHAR; Axel PERSCH; Mario PIETRANGELI; Ernst SCHNACKE; Andre SIEGEL; Axel VIET</b>		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. <input checked="" type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input checked="" type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).		
<b>Items 11 to 20 below concern document(s) or information included:</b>		
11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A preliminary amendment. 14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825. 18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. <input type="checkbox"/> Other items or information:		

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U.S. APPLICATION NO. (if known) <b>10/519758</b>		INTERNATIONAL APPLICATION NO. PCT/EP2003/004980		ATTORNEY'S DOCKET NUMBER LYBZ 2 00089	
21. The following fees are submitted:				Applicant use	Office use only
<input checked="" type="checkbox"/> a) Basic national fee..... \$300.00				\$	
<input checked="" type="checkbox"/> b) Examination fee..... \$200.00				\$	
<input checked="" type="checkbox"/> c) Search fee..... \$500.00				\$	
TOTAL OF ABOVE CALCULATIONS = \$1000.00				\$ 1,000.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
- 100 =	/50 =		x \$250.00	\$	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	
Total claims	- 20 =		x \$50.00	\$	
Independent claims	- 3 =		x \$200.00	\$	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360.00	\$	
TOTAL OF ABOVE CALCULATIONS =				\$ 1,000.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$	
SUBTOTAL =				\$ 1,000.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$	
TOTAL NATIONAL FEE =				\$ 1,000.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$ 40.00	
TOTAL FEES ENCLOSED =				\$ 1,040.00	
Amount to be refunded:					\$
Amount to be charged					\$
<p>a. <input checked="" type="checkbox"/> A check in the amount of \$ <u>1,040.00</u> to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>06-0308</u>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p>					
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.					
SEND ALL CORRESPONDENCE TO:					
Thomas E. KOCOVSKY, Jr., Esq.					
FAY, SHARPE, FAGAN, MINNICH & McKEE, LLP					
1100 Superior Avenue, Seventh Floor					
Cleveland, OH 44114					
(216) 861-5582					
(216) 241-1666					
				SIGNATURE	
				Thomas E. KOCOVSKY, Jr.	
				NAME	
				U.S. 28,383	
				REGISTRATION NUMBER	

10/519737  
DT01 Rec'd PCT/PT 28 DEC 2004

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of	)	Examiner:
H. DIETZ, et al.	)	
	)	Art Unit:
Serial No.: Unknown	)	
	)	Confirmation:
Filed: Herewith	)	
	)	
For: <b>REFRIGERATOR</b>	)	
<b>COMPRISING A</b>	)	
<b>REGENERATOR</b>	)	
	)	
Attorney Docket No.:	)	Cleveland, OH 44114
LYBZ 2 00089	)	December 28, 2004

SUBMISSION OF FORMAL DRAWINGS

Commissioner For Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

The applicants are enclosing two (2) sheets of Formal Drawings, including FIGURES 1-4.

An early indication of the acceptance of the Formal Drawings is earnestly solicited.

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*Hilary M McNulty*  
By: Hilary M. McNULTY

10/519737

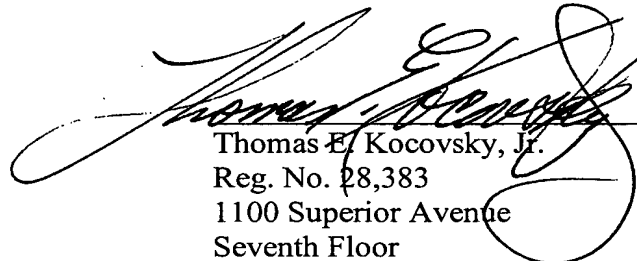
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An early notice that the filing requirements have been met and an early allowance of this application is respectfully requested.

Respectfully submitted,

FAY, SHARPE, FAGAN,  
MINNICH & McKEE, LLP



Thomas E. Kocovsky, Jr.  
Reg. No. 28,383  
1100 Superior Avenue  
Seventh Floor  
Cleveland, OH 44114-2518  
(216) 861-5582

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of	)	Examiner:
H. DIETZ, et al.	)	
	)	Art Unit:
Serial No.: Unknown	)	
	)	Confirmation:
Filed: Herewith	)	
	)	
For: <b>REFRIGERATOR</b>	)	
<b>COMPRISING A</b>	)	
<b>REGENERATOR</b>	)	
	)	
Attorney Docket No.:	)	Cleveland, OH 44114
LYBZ 2 00089	)	December 28, 2004

SUBMISSION OF VERIFIED TRANSLATION

Commissioner For Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

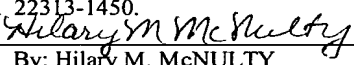
Dear Sir:

The applicant is filing herewith a Verified Translation of the priority  
French-language German Patent Application No. PCT/EP2003/004980  
(WO 2004/003442 A1).

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By: Hilary M. McNULTY

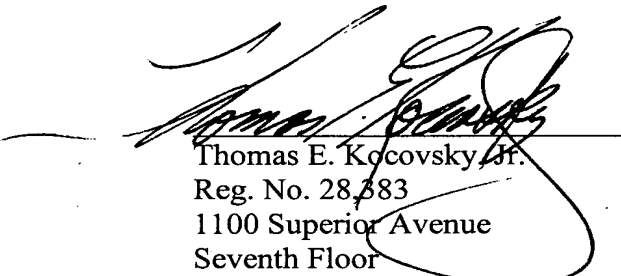
10/519737  
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The verified English translation of the application comprises:

1 page Statement of Verified English Translation  
9 pages of Specification  
2 pages of Claims  
1 page of Abstract

Respectfully submitted,

FAY, SHARPE, FAGAN,  
MINNICH & McKEE, LLP



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IN THE UNITED STATES PATENTS AND TRADEMARK OFFICE

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I, Wilfried Adam, declare:

1. That I am a citizen of Germany and a translator to Jürgen Leineweber, Dipl.-Phys., Aggerstr. 24, D-50859 Köln, Germany.
2. That I am well acquainted with the German and English languages.
3. That the attached is a true translation into the English language of the accompanying document P02.12 Wo.

Dated: Sept. 9, 2004

W. Adam